New Jersey

Implementation Guideline

For

Electronic Data Interchange

TRANSACTION SET

814

Drop
Request and Response
Ver/Rel 004010

Summary of Changes

March 29, 2000
Version 1.0

Initial release

May 29, 2001
Version 1.1

- Added Table of Contents.
- Added Data Dictionaries.

June 21, 2001
Version 1.2

- Added "Tracking number on Request and Response transactions" note in Notes section.
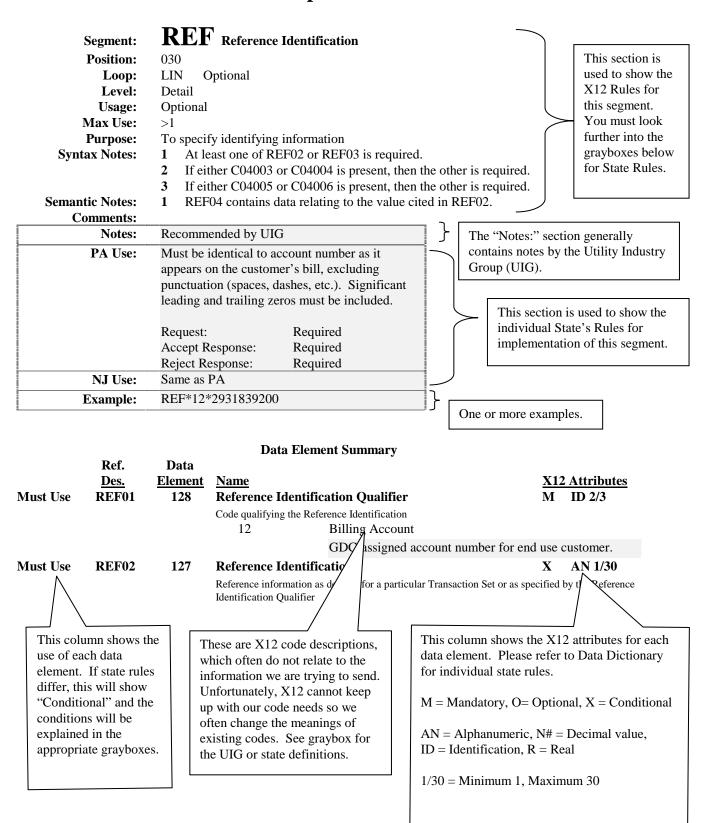- Corrected Use Note on Segment REF*11 (ESP Account Number)

Notes

Use	• The Drop Request can be used for any of the following situations:
	  • Customer Contacts GDC to Drop ESP (Switch to GDC)
	  • Customer Contacts New ESP to Switch (Triggers Drop to Old ESP)
	  • Customer Rescinds Enrollment Request
	  • ESP Drops Customer
	  • GDC Drops Customer – Permanent (Includes Final Terminations and Final Bills)

One Account per 814	• One customer account per 814.
Tracking number on Request and Response transactions	• On the request, the LIN01 is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over all time, and is assigned by the sender of the request transactions. This number must be returned on the response transaction (accept or reject), in the same element (LIN01).
Multiple LINs	• There is only one LIN per account per 814
Response per LIN	• There will be one 814 drop response for each 814 drop request.
Temporary/Final	• In New Jersey, all Drop transactions are Final. Temporary Drops are not allowed. The final drop may include the permanent disconnect after a waiting period for termination, a customer moving outside the service territory, switches, etc.
Drop Reason Required on Request	• The Drop transaction requires a Status Reason Code on the Request to inform the other party why the customer is being dropped. There are also conditions when a Status Reason Code must be conveyed on a Response transaction. Please refer to the REF*1P segment for details.
Echoing Data on Reject	• If a transaction is rejected due to invalid information, the Response may echo back the invalid data along with the reason code.
GDC Definitions:	• The term GDC (Gas Distribution Company) in this document refers to the utility.
ESP Definitions:	• The term ESP (Energy Service Provider) in this document refers to the supplier.

New Jersey Notes

Drop Processing Time

- A drop may be processed up to 15 days prior to the scheduled meter read.

Rescinding a Drop

- NJ Rules allow for a customer to rescind a drop when they initiated it through the GDC. If this happens, the GDC will send a reinstatement transaction to the ESP. If the ESP sends the drop to the GDC, it may **not** be rescinded.

How to Use the Implementation Guideline

Segment: **REF** Reference Identification

Position: 030
Loop: LIN   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1   At least one of REF02 or REF03 is required.
2   If either C04003 or C04004 is present, then the other is required.
3   If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1   REF04 contains data relating to the value cited in REF02.
Comments:

This section is used to show the X12 Rules for this segment. You must look further into the grayboxes below for State Rules.

Notes:	Recommended by UIG
PA Use:	Must be identical to account number as it appears on the customer's bill, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included. Request: Required Accept Response: Required Reject Response: Required
NJ Use:	Same as PA
Example:	REF*12*2931839200

The "Notes:" section generally contains notes by the Utility Industry Group (UIG).

This section is used to show the individual State's Rules for implementation of this segment.

One or more examples.

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification
    12   Billing Account
        GDC assigned account number for end use customer.

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF02	127	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

This column shows the use of each data element. If state rules differ, this will show "Conditional" and the conditions will be explained in the appropriate grayboxes.

These are X12 code descriptions, which often do not relate to the information we are trying to send. Unfortunately, X12 cannot keep up with our code needs so we often change the meanings of existing codes. See graybox for the UIG or state definitions.

This column shows the X12 attributes for each data element. Please refer to Data Dictionary for individual state rules.

M = Mandatory, O= Optional, X = Conditional

AN = Alphanumeric, N# = Decimal value, ID = Identification, R = Real

1/30 = Minimum 1, Maximum 30

814 General Request, Response or Confirmation
X12 Structure

Functional Group ID=**GE**

Heading

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
			LOOP ID - N1			>1	
	040	N1	Name	O	1		n1
	060	N3	Address Information	O	2		
	070	N4	Geographic Location	O	1		
	080	PER	Administrative Communications Contact	O	>1		

Detail

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			>1	
	010	LIN	Item Identification	O	1		
	020	ASI	Action or Status Indicator	O	1		
	030	REF	Reference Identification	O	>1		
	040	DTM	Date/Time Reference	O	>1		

Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	150	SE	Transaction Set Trailer	M	1		

Transaction Set Notes:

1. The N1 loop is used to identify the transaction sender and receiver.

Data Dictionary for 814 Drop

Appl Field	Field Name	Description	EDI Element	Loop / Related EDI Qualifier	Data Type
1	Transaction Set Purpose Code	Request = **13** Response = **11**	BGN01		X(2)
2	Transaction Reference Number	Unique Number assigned by the sender identifying this transaction. This number must be unique over time.	BGN02		X(30)
3	System Date	Date that the data was processed by the sender's application system.	BGN03		9(8)
4	Transaction Reference Number	Original Transaction Reference Number echoed from the Original Request Transaction (BGN02).	BGN06		X(30)
5	GDC Name	GDC's Name	N102	N1: N101 = **8S**	X(60)
6	GDC Duns	GDC's DUNS Number or DUNS+4 Number	N104	N1: N101 = **8S** N103 = **1** or **9** N106 = **40** or **41**	X(13)
7	ESP Name	ESP's Name	N102	N1: N101 = **SJ**	X(60)
8	ESP Duns	ESP's DUNS Number or DUNS+4 Number	N104	N1: N101 = **SJ** N103 = **1** or **9** N106 = **40** or **41**	X(13)
9	Customer Name	Customer Name as it appears on the Customer's Bill	N102	N1: N101 = **8R**	X(35) Note: X(60) for MD
10	Customer Name for Forwarding Address	Customer Name	N102	N1: N101 = **FE**	X(35)
11	Forwarding Address	Customer Forwarding Address	N301 & N302	N1: N101 = **FE**	X(55)
12	City	Customer Forwarding Address	N401	N1: N101 = **FE**	X(30)
13	State	Customer Forwarding Address	N402	N1: N101 = **FE**	X(2)
14	Zip Code	Customer Forwarding Address	N403	N1: N101 = **FE**	X(9)
15	Country Code	Customer Forwarding Mail Address	N404	N1: N101 = **FE**	X(3)
16	Customer Forwarding Contact Name	Customer Forwarding Contact Name	PER02	N1: N101 = **8R** PER01=**IC**	X(60)

17	Customer Forwarding Email address	Forwarding Contact email address for the customer	PER04	N1: N101 = **8R** PER01 = **IC** PER03 = **FM**	X(80)
18	Customer Forwarding Fax Number	Forwarding Contact Fax Number for the customer	PER06	N1: N101 = **8R** PER01 = **IC** PER05 = **FX**	X(80)
19	Customer Forwarding Telephone Number	Contact Forwarding Telephone Number for the customer	PER08	N1: N101 = **8R** PER01 = **IC** PER07 = **TE**	X(10)
23	Line Item Transaction Reference Number	Unique Tracking Number for each line item in this transaction. This number must be unique over time.	LIN01		X(20)
24	Generation Services Indicator	Indicates the transaction is related to Generation Services	LIN05 = **CE**	LIN02 = **SH** LIN03 = **GAS** LIN04 = **SH**	X(2)
25	Action Code	Used to indicate this is a drop transaction. On the request, this will be either "F" (permanent drop) or "A4" (temporary drop)	ASI01= Request: **F** (permanent) or **A4** (temporary) Accept Response: **WQ** Reject Response: **U**	LIN: ASI02=**024**	X(2)
Note that the following REF segments may appear in any order on the actual EDI transaction.					
26	Rejection Reason Code	Code explaining reason for rejection.	REF02	LIN: REF01= **7G**	X(3)
27	Rejection Reason Text	Text explaining rejection.	REF03	LIN: REF01= **7G**	X(80)
28	Status Reason Code	This is used to convey status reason codes on a request and Response to a Request.	REF02	LIN: REF01= **1P**	X(3)
29	Status Reason Text	Text to provide status information.	REF03	LIN: REF01= **1P**	X(80)
30	ESP Account Number	ESP Customer Account Number	REF02	LIN: REF01= **11**	X(30)
31	GDC Account Number	GDC Customer Account Number	REF02	LIN: REF01= **12**	X(30)
33	Service Period End Date	Estimated date of termination of service	DTM02	DTM01= **151**	9(8)

Segment:	**ST** **Transaction Set Header**
Position:	010
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	
NJ Use:	Required
Example:	ST*814*000000001

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**

Code uniquely identifying a Transaction Set
    814   General Request, Response or Confirmation

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Segment:	**BGN** Beginning Segment
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of a transaction set
Syntax Notes:	**1** If BGN05 is present, then BGN04 is required.
Semantic Notes:	**1** BGN02 is the transaction set reference number.
	2 BGN03 is the transaction set date.
	3 BGN04 is the transaction set time.
	4 BGN05 is the transaction set time qualifier.
	5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:	

NJ Use:	Required
Request Example:	BGN*13*199904011956531*19990401 (Note: BGN06 not used in the request.)
Response Example:	BGN*11*199904020830531*19990402***199904011956531 (Note: BGN06 is optional on the response.)

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	BGN01	353	**Transaction Set Purpose Code**	M	ID 2/2

Code identifying purpose of transaction set
- 11 Response

  Signifies that the requested service will be addressed as described in this transaction.
- 13 Request

Must Use	BGN02	127	**Reference Identification**	M	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

A unique transaction identification number assigned by the originator of this transaction. This number must be unique over time.

Must Use	BGN03	373	**Date**	M	DT 8/8

Date (CCYYMMDD)

The transaction creation date – the date that the data was processed by the sender's application system.

Optional	BGN06	127	**Reference Identification**	O	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

If used, refers to the BGN02 identification number of the original Request. Not used on the request. Optional on the response.

Segment:	**N1** Name (8S = GDC Name)	
Position:	040	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.

NJ Use:	Request:	Required
	Accept Response:	Required
	Reject Response:	Required for response if provided in the request.
Examples:	N1*8S*GDC COMPANY*1*007909411**40 (as Receiver)	
	N1*8S*GDC COMPANY*1*007909411**41 (as Sender)	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			8S Consumer Service Provider (CSP)		
			GDC		
Must Use	**N102**	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
			GDC Company Name		
Must Use	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
Must Use	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			GDC D-U-N-S Number or D-U-N-S + 4 Number		
Must Use	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual.		
			Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops.		
			40 Receiver		
			Entity to accept transmission		
			41 Submitter		
			Entity transmitting transaction set		

Segment:	**N1** Name (SJ = ESP Name)	
Position:	040	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.

NJ Use:	Request:	Required
	Accept Response:	Required
	Reject Response:	Required for response if provided in the request.
Examples:	N1*SJ*ESP COMPANY*9*007909422ESP1**41 (as Sender)	
	N1*SJ*ESP COMPANY*9*007909422ESP1**40 (as Receiver)	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	N101	98	Entity Identifier Code	M	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual
SJ   Service Provider

ESP

Must Use	N102	93	Name	X	AN 1/60

Free-form name
ESP Company Name

Must Use	N103	66	Identification Code Qualifier	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)
1   D-U-N-S Number, Dun & Bradstreet
9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Must Use	N104	67	Identification Code	X	AN 2/80

Code identifying a party or other code
ESP D-U-N-S Number or D-U-N-S + 4 Number

Must Use	N106	98	Entity Identifier Code	O	ID 2/3

Code identifying an organizational entity, a physical location, property or an individual.

Used in addition to the N103 and N104 to identify the transaction sender and receiver when more than two parties are identified by N1 loops.
40   Receiver

Entity to accept transmission
41   Submitter

Entity transmitting transaction set

Segment:	N1 Name (**8R = Customer Service**)
Position:	040
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

NJ Use:	Request: Required
	Accept Response: Required
	Reject Response: Required for response if provided in the request.
Example:	N1*8R*CUSTOMER NAME

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			8R Consumer Service Provider (CSP) Customer	
			Used to identify the customer associated with the GDC service account	
Must Use	**N102**	**93**	**Name**	**X AN 1/60**
			Free-form name	
			Customer Name as it appears in the sender's system.	

Segment:	**N1** Name (FE = Forwarding Address Name)	
Position:	040	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1 At least one of N102 or N103 is required.	
	2 If either N103 or N104 is present, then the other is required.	
Semantic Notes:		
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2 N105 and N106 further define the type of entity in N101.	

NJ Use:	GDC Initiated Drop Request:	Optional if customer moved and has provided a forwarding address.
	ESP Initiated Drop Request:	Not Used
	ESP Accept Response for GDC Init Drop:	Not Used
	GDC Accept Response for ESP Init. Drop:	Optional if customer moved and has provided a forwarding address.
	Reject Response:	Not Used
Example:	N1*FE*CUSTOMER NAME	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			FE Mail Address		
			Used to identify the forwarding address for the customer.		
Must Use	**N102**	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		

Segment:	**N3** **Address Information**
Position:	060
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	

NJ Use:	GDC Initiated Drop Request:	Optional if customer moved and has provided a forwarding address.
	ESP Initiated Drop Request:	Not Used
	ESP Accept Response for GDC Init Drop:	Not Used
	GDC Accept Response for ESP Init. Drop:	Optional if customer moved and has provided a forwarding address.
	Reject Response:	Not Used
Example:	N3*4251 S ELECTRIC ST*MS 25	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**N301**	**166**	**Address Information**	**M**	**AN 1/55**
			Address information		
Optional	**N302**	**166**	**Address Information**	**O**	**AN 1/55**
			Address information		

Segment:	**N4** Geographic Location
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.

NJ Use:	GDC Initiated Drop Request:	Optional if customer moved and has provided a forwarding address.
	ESP Initiated Drop Request:	Not Used
	ESP Accept Response for GDC Init Drop:	Not Used
	GDC Accept Response for ESP Init. Drop:	Optional if customer moved and has provided a forwarding address.
	Reject Response:	Not Used
Examples:	N4*ANYTOWN*NJ*07017	
	N4*ANYTOWN*NJ*070170001*US	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**N401**	**19**	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
Must Use	**N402**	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
Must Use	**N403**	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
Optional	**N404**	**26**	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		

Segment:	**PER** Administrative Communications Contact	
Position:	080	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	**1** If either PER03 or PER04 is present, then the other is required.	
	2 If either PER05 or PER06 is present, then the other is required.	
	3 If either PER07 or PER08 is present, then the other is required.	
Semantic Notes:		
Comments:		

NJ Use:	GDC Initiated Drop Request:	Optional if customer moved and has provided a forwarding address.
	ESP Initiated Drop Request:	Not Used
	ESP Accept Response for GDC Init Drop:	Not Used
	GDC Accept Response for ESP Init. Drop:	Optional if customer moved and has provided a forwarding address.
	Reject Response:	Not Used
Example:	PER*IC*CUSTOMER NAME*TE*8005551212	
	PER*IC*CUSTOMER NAME*TE*8005551212*FX*8005552121*EM*CUSTOMER@SER.COM	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			IC Information Contact		
Optional	**PER02**	**93**	**Name**	**O**	**AN 1/60**
			Free-form name		
Must Use	**PER03**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
Must Use	**PER04**	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Optional	**PER05**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
Optional	**PER06**	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		
Optional	**PER07**	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
Optional	**PER08**	**364**	**Communication Number**	**X**	**AN 1/80**
			Complete communications number including country or area code when applicable		

Segment:	**LIN** Item Identification
Position:	010
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic item identification data

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:	The 3070 version of the 814 guideline allowed all services to be transmitted in one LIN segment. This was difficult to process and track. Version 4010 restricts the use of LIN03 to identify the product (electric vs. gas) and LIN05 to identify the service being requested. For example, *LIN*SH*EL*SH*CE* indicates that the product is electric and 'generation services' is the service being requested. Multiple LINs may be sent to request multiple services for one account. Other examples: LIN*SH*EL*SH*HU\ requests historical usage of electric service LIN*SH*GAS*SH*MI\ requests meter information on the gas service
NJ Use:	Request: Required Accept Response: Required Reject Response: Required if it was provided on the request.
Examples:	LIN*DROP1999012000000001*SH*GAS*SH*CE

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	**LIN01**	**350**	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			On the request, this is a unique tracking number for each line item (LIN) in this transaction. This number must be unique over time. This number must be returned on the response transaction in the same element. This tracking number was provided in REF*TN in Version 3070.		
Must Use	**LIN02**	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			SH Service Requested		

Must Use	**LIN03**	**234**	**Product/Service ID**	**M**	**AN 1/48**

Identifying number for a product or service

			EL	Electric Service		
			GAS	Gas Service		

Identifies the product

Must Use	**LIN04**	**235**	**Product/Service ID Qualifier**	**M**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

			SH	Service Requested		

Must Use	**LIN05**	**234**	**Product/Service ID**	**M**	**AN 1/48**

Identifying number for a product or service

			CE	Generation Services		

Indicates this transaction is related to Generation Services (Should be used even if service requested is gas).

Segment:	**ASI** Action or Status Indicator
Position:	020
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate the action to be taken with the information provided or the status of the entity described
Syntax Notes:	
Semantic Notes:	
Comments:	

Notes:	Identifies the action to be taken or the status of a requested action for the service identified in the LIN segment.
	Reason Codes are conveyed in the REF segment (position 030) rather than in the ASI03, to allow for multiple reasons.
	Note: All ESP initiated drops should be coded as Final (ASI01=F).
NJ Use:	Request: Required
	Accept Response: Required
	Reject Response: Required
Request Example:	ASI*F*024
Response Examples:	ASI*WQ*024 Accept Response
	ASI*U*024 Reject Response

Data Element Summary

	Ref. Des.	Data Element	Name		X12 Attributes
Must Use	ASI01	306	Action Code		M ID 1/2

Code indicating type of action

A4	Pended

Used to request a temporary drop
Note: Will not be used in New Jersey

F	Final

Note: There was some discussion as to whether to use a code of "7" to indicate a request. As written, "F" should be used in New Jersey.

U	Reject
WQ	Accept

	Ref. Des.	Data Element	Name		X12 Attributes
Must Use	ASI02	875	Maintenance Type Code		M ID 3/3

Code identifying the specific type of item maintenance

024	Cancellation or Termination

Drop

Segment:	**REF** Reference Identification (7G = Reject Reason)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

Notes:	This iteration of the REF segment is used to convey the rejection reason codes in response to a Request. The rejection reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple rejection reasons.
	Note: Regardless of whether the ESP accepts or rejects a Drop Request from an GDC, the GDC will drop the customer. The GDC is responsible for reviewing rejection reasons and resolving them with the ESP, either by a resend of the drop transaction or by mutual agreement.
NJ Use:	Request: Not Used
	Accept Response: Not Used
	Reject Response: Required
Example:	REF*7G*A13*ADDITIONAL REASON TEXT HERE

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3

                               Code qualifying the Reference Identification
                               7G   Data Quality Reject Reason

                                 Reject reasons associated with a reject status notification.

Rules for Rejection Reason Codes

The codes on the next several pages have been identified by the UIG to convey rejection reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the appropriate state's listserver.

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly.

Please note that the Status Reason Codes are only valid in certain directions as noted to the left of each code.

Reason For Rejection Codes – Required on a **Rejection Drop** Response Transaction:

| **Must Use** | **REF02** | **127** | **Reference Identification** | **X** | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

ESP Drop Response to GDC	**GDC Drop Response to ESP**		
	X	008	Account exists but is not active
X	X	A13	Other (Explanation Required in REF03)
X	X	A76	Account Not Found
			This includes invalid account numbers as well as no account number being found.
	X	A84	Invalid Relationship (not ESP of record)
X	X	ABN	Duplicate Request Received
			Note: Open issue as to whether this should be a rejection or an acceptance with a status reason code.
X	X	ACI	Action Code (ASI01) invalid
X	X	B14	Reason for termination was required, or invalid code sent
X		DIV	Date Invalid
X	X	M76	Invalid Meter
X	X	MTI	Maintenance Type Code (ASI02) invalid
	X	UND	Cannot identify ESP
X		UNE	Cannot identify GDC

| **Optional** | **REF03** | **352** | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Used to further describe the rejection reason code sent in REF02. Code "A13" requires text explanation in this element.

Segment:	**REF** Reference Identification (1P = Accessorial Status Code)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	This iteration of the REF segment is used primarily to convey status reason codes on a request, and also in response to a Request. The status reason codes are conveyed in this segment rather than in the ASI03 to allow for multiple status reasons.
NJ Use:	Request: Required
	Accept Response: Required when status information must be conveyed.
	Reject Response: Required when status information must be conveyed.
Example:	REF*1P*A13*ADDITIONAL REASON TEXT HERE

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

1P   Accessorial Status Code

Used in the instance where the 814 Request is accepted, but additional status information must be provided; e.g. code W09, special off-cycle meter read cannot be performed.

This is a **required** field on a Drop request.

Rules for Status Reason Codes

The codes on the next several pages have been identified by the UIG to convey status reasons. Only the codes listed for each service are valid for that service. If you require additional codes, send an email to the appropriate state's listserver.

"A13" (Other) must **only** be used when an existing error code does not convey the reason correctly.

**Please note that the Status Reason Codes are only valid in certain directions
as noted to the left of each code.**

Reason For Drop Codes – Required on the **Drop Request** Transaction:

Must Use	REF02	127	Reference Identification		X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

GDC Drop Request to ESP	ESP Drop Request to GDC		
	X	007	Service terminated because of nonpayment
X		020	Customer moved or account closed
X	X	A13	Other
			Explanation Required in REF03
X	X	B38	Dropped by Customer Request
			Customer was terminated by the Service Provider for reasons other than nonpayment
	X	CCE	Contract Expired
X	X	CHA	Customer changed to another Service Provider
X		EB3	Withdrawn
			Customer rescinded enrollment request within rescission period

Status Reason Codes – Use as appropriate on the **Drop Response** Transaction. This is used when transaction Accepted, but there is additional information to be conveyed to the other party.

Must Use	REF02	127	Reference Identification		X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

ESP Drop Response to GDC	GDC Drop Response to ESP		
X	X	A13	Other
			Explanation Required in REF03
X	X	B39	Already Dropped

Conditional	REF03	352	Description		X AN 1/80

A free-form description to clarify the related data elements and their content
Used to further describe the status reason code sent in REF02. Code "A13" requires text explanation in this element.

Segment:	**REF** Reference Identification (11 = ESP Account Number)
Position:	030
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	

NJ Use:		
	GDC Initiated Drop:	Conditional - GDC's are required to provide this data if store in their system
	ESP Initiated Drop:	Required if it was previously provided to the GDC
	ESP Accept Response for GDC Init Drop:	Required if it was provided on the request
	GDC Accept Response for ESP Init. Drop:	Required if it was provided on the request
	Reject Response:	
	GDCs are not required to store ESP account number their system. GDCs if storing will do so if provided on 814 enrollment and/or 814 change. If GDC does store ESP account number, GDC will provide ESP account number on all transactions. All GDCs except for Elizabethtown are storing ESP account number	
Example:	REF*11*2348400586	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes	
Must Use	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			11 Account Number		
			ESP-assigned account number for end use customer.		
Must Use	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment:	**REF** Reference Identification (12 = GDC Account Number)	
Position:	030	
Loop:	LIN Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is required.	
	3 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.	
Comments:		

NJ Use:	Must be identical to account number as it appears in the sender's system, excluding punctuation (spaces, dashes, etc.). Significant leading and trailing zeros must be included.
	Request: Required
	Accept Response: Required
	Reject Response: Required – when the rejection reason is due to a GDC account number not being provided in the request, this segment must not be sent on the response.
Example:	REF*12*2931839200

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**

Code qualifying the Reference Identification
    12   Billing Account

GDC-assigned account number for end use customer.

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**REF02**	**127**	**Reference Identification**	**X AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**DTM** **Date/Time Reference (151 = Estimated date service with ESP will end)**
Position:	040
Loop:	LIN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

NJ Use:	GDC Initiated Drop:	Required
	ESP Initiated Drop:	Not Used
	ESP Accept Response for GDC Init Drop:	Not Used
	GDC Accept Response for ESP Init Drop:	Required
	Reject Response:	Not Used
Example:	DTM*151*19990115	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
			151 Service Period End	
			Estimated date that the service with the ESP will end. For gas, this is the meter-read date.	
Must Use	**DTM02**	**373**	**Date**	**X DT 8/8**
			Date expressed as CCYYMMDD	

Segment:	**SE** Transaction Set Trailer	
Position:	150	
Loop:		
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)	
Syntax Notes:		
Semantic Notes:		
Comments:	1 SE is the last segment of each transaction set.	
NJ Use:	Required	
Example:	SE*28*000000001	

Data Element Summary

	Ref. Des.	Data Element	Name	X12 Attributes
Must Use	**SE01**	**96**	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

EXAMPLES

Example: Drop Request GDC to ESP

BGN*13*19990401195653001*19990401	BGN segment indicating this is a Request transaction
N1*8S*GDC COMPANY*1*007909411**41	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
N1*FE*CUSTOMER NAME	Forwarding address for customer who moved
N3*4251 S ELECTRIC STREET*MS 25	Forwarding address for customer who moved
N4*ANYTOWN*NJ*07017	Forwarding address for customer who moved
PER*IC**TE*8005551212	Forwarding telephone number for customer who moved
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas services
ASI*F*024	Request for Final Drop
REF*1P*020*CUSTOMER MOVED	Reason for drop is that the customer moved
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
DTM*151*19990415	Estimated drop date is 4/15/99

Example: Accept Drop Response ESP to GDC

BGN*11*1999040208000001*19990402***19990401195653001	BGN segment indicating this is a Response transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas service
ASI*WQ*024	Indicates the drop was **accepted**
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number

Example: Reject Drop Response ESP to GDC

BGN*11*1999040208000001*19990402***19990401195653001	BGN segment indicating this is a Response transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas services
ASI*U*024	Indicates the drop was **rejected**
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number

Example: Drop Request ESP to GDC

BGN*13*19990401195653001*19990401	BGN segment indicating this is a Request transaction
N1*8S*GDC COMPANY*1*007909411**40	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**41	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas services
ASI*F*024	Request for Final Drop
REF*1P*CCE*CONTRACT EXPIRED	Customer Contract with ESP Expired
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number

Example: Accept Drop Response GDC to ESP

BGN*11*1999040208000001*19990402***19990401195653001	BGN segment indicating this is a Response transaction
N1*8S*GDC COMPANY*1*007909411**41	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas services
ASI*WQ*024	Indicates the drop was **accepted**
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number
DTM*151*19990415	Estimated drop date is 4/15/99

Example: Reject Drop Response GDC to ESP

BGN*11*1999040208000001*19990402***19990401195653001	BGN segment indicating this is a Response transaction
N1*8S*GDC COMPANY*1*007909411**41	GDC Name and DUNS information
N1*SJ*ESP COMPANY*9*007909422ESP1**40	ESP Name and DUNS information
N1*8R*CUSTOMER NAME	Customer Name
LIN*DROP1999040100000001*SH*GAS*SH*CE	Transaction reference number, indication that the transaction is for gas services
ASI*U*024	Indicates the drop was **rejected**
REF*7G*A76*ACCOUNT NOT FOUND	Rejection Reason
REF*11*2348400586	ESP Account Number
REF*12*293839200	GDC Account Number